

SVR 1803 Map and Compass

Map reading and use of compass for navigation in wilderness areas; includes position determination, travel preparation, use of natural aids to navigation, route selection, and application of travel techniques. Classroom and field location instruction.

SVR 1804 Mountain Travel

Travel techniques required in mountainous terrain; includes mountain climbing and patient evacuation equipment; mountaineering techniques; navigation principles; establishment of trail camps; trip preparation; shelter and campsite selection and construction; emergency bivouac; and water and food procurement, preparation, and preservation. Classroom, outdoor tower, and mountainous field location instruction.

SVR 1805 Psychology of Environmental Stress

Stresses encountered in prisoner-of-war environments. Includes resistance to exploitation, international agreements relative to captivity and camp organization, and application of escape-and-evasion techniques. Communist history and theory, interrogation and indoctrination procedures, and group resistance in captivity.

SVR 1806 Search-and-Rescue Operations

Signaling and communication; guiding and directing recovery and rescue operations; coordinating activities with civilian and military agencies; techniques of management, operations, and tactics employed in air-ground search and rescue. Includes pickup devices, egress from fixed- and rotary-wing aircraft, pyro-techniques, litter and patient handling, and coordination of activities with other agencies. Classroom and field location instruction using actual equipment.

SVR 1807 Geographic Life Zones

Ethnic, environmental characteristics, and resources available for survival in each of major life zones; includes Arctic, open sea, tropic, coastal, and desert environments. Classroom and field location instruction.

SVR 1808 Environmental Health

Sanitation and personal hygiene under field conditions; emphasis on personal care, cleanliness, and disposition of waste under field conditions using sanitary and ecological methods.

SVR 1810 Fundamentals of Parachuting with Scuba Equipment

Practical use of parachutes and scuba gear; minimum of eight jumps to include day, night, tree, rough terrain, and water jumps in full scuba gear.

SVR 1817 Aircraft Familiarization

Familiarization with a variety of fixed- and rotary-wing aircraft used in rescue operations; includes aircraft nomenclature, aircrew duties and procedures, aircraft systems, weapons systems, and flight operations. Classroom, training simulator, and actual aircraft instruction.

SVR 1818 Pararescue Indoctrination

Pararescue techniques; includes medical terminology, anatomy, treatment of temperature-related injuries, medical kits, mountain indoctrination, and diving physics.

SVR 1819 Evasion and Recovery

Principles and practices of evasion and recovery. Includes use of clothing and equipment; procurement of food and water; application of methods of signaling; evasive traveling; provision of fire, shelter, medicine, and hygiene; and responsibilities during a search-and-rescue operation.

SVR 1821 Parachute Water Survival

Survival procedures after parachute entry into water; includes parachute and rafting procedures, hazards and medical aspects of aquatic survival, sustenance and survival living, and responsibilities during helicopter search-and-rescue attempts.

Transportation

TRN 1601 Passenger Routing

Travel requirements, modes of transportation, and baggage allowances; includes functions of automated passenger reservation systems, commercial carrier publications, passenger routing, and preparation of travel itineraries.

TRN 1602 Movement of Household Goods

Mileage guides and rate tariffs for cost determination of consolidated and single-lot shipments. Includes requirements for selection of carriers and principles of

packing and crating contracts, carrier responsibilities, temporary and contemporary storage, and procedures for tracing shipments.

TRN 1604 Air Passenger Management

Flight schedules and publications, aircraft identification, preparation of air passenger documents, passenger reservations/scheduling, and transportation funding procedures.

TRN 1605 Air Passenger Processing and Services

Processing and manifesting air passengers and baggage, operation of passenger and baggage handling equipment, terminal announcements, passenger handling techniques, and customer relations.

TRN 1608 Aircraft Loading Vehicle Operation

Principles, techniques, and methods of operating cargo loading vehicles; includes planning and selecting aircraft loads, palletization of cargo, aircraft loading, and cargo tiedown.

TRN 1609 Air Transportation, Weight, and Balance

Preparation of transportation documents/reports and methods/techniques of weight-and-balance computations. Mathematical formulas, balance computers, weight charts, and aircraft weight records for hazardous/nonhazardous cargo, including passengers.

TRN 1610 Aircraft Load Planning

Palletized/nonpalletized cargo planning with special consideration to weight, bulk, and properties; includes preinspection of aircraft loading equipment, loading, and restraining cargo for flights.

TRN 1614 Motor Vehicle Fleet Administration

Organization, manpower, and public law in motor vehicle fleet administration and operation; includes managerial decisions for lease or purchase of vehicles, contingency pooling, and accident prevention.

TRN 1618 Surface Transportation of Dangerous Materials

Regulations for military traffic management and terminal service for rail, motor vehicle, and water transportation; includes special problems related to movement of dangerous materials.

TRN 1619 Cargo Preparation

Application of packing/preservation principles to general, special, and hazardous cargo storage and shipment.

TRN 1620 Airlift of Dangerous Materials

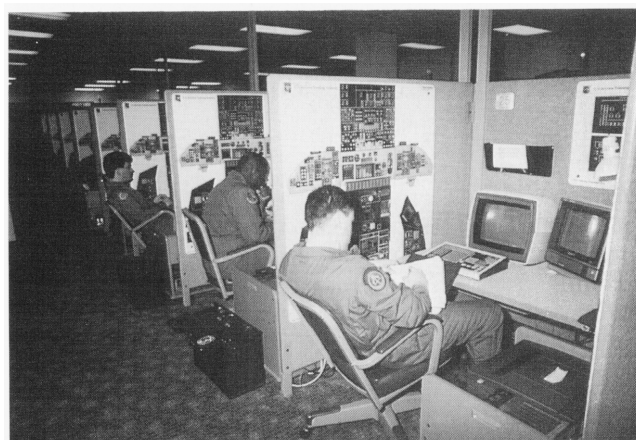
Inspection, certification, and safety supervision in transporting cargo; includes discrepancy reporting, compatibility planning, and special handling requirements.

TRN 1622 Cargo Processing and Documentation

Techniques, principles, and methods of processing air cargo, including special cargo, dangerous cargo, and mail.

TRN 1631 Traffic Management

Administrative management of freight, traffic, personal property, and passengers; includes movement of materiel, transportation and storage of personal property, passenger movement, and automatic data processing.



TRN 1638 Aircraft Systems Familiarization and Operations — C-5 Loadmaster

C-5 auxiliary power unit operation, hydraulic systems, kneeling system, and forward and aft door operation; includes preoperation inspection, trouble-isolation techniques, operational checks, operating limitations, and use of synthetic trainers.

TRN 1640 Cargo Aircraft Operations

Ground operations, preflight, in-flight, and postflight duties of an aircraft loadmaster; includes positioning aircraft, determining load arrangement, aircraft preparation, preflight and in-flight briefings of passengers, aircraft preparation, and postflight inspection of aircraft.

TRN 1641 Loadmaster Tactical Delivery/C-130 Aircraft

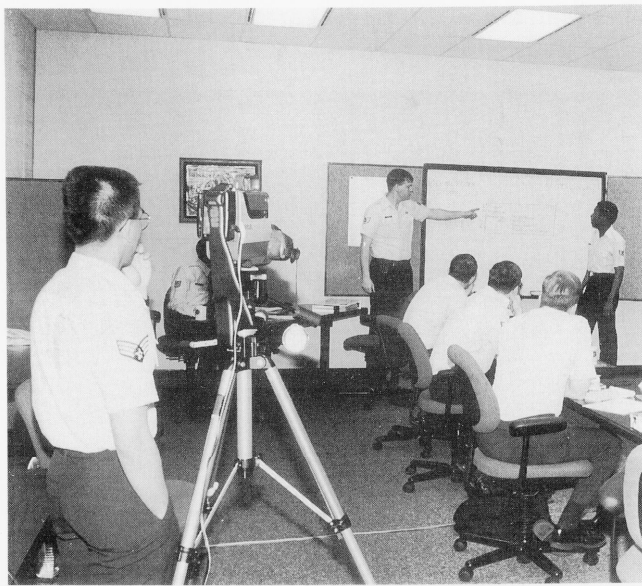
Tactical delivery of equipment/personnel by aircraft crewmembers; includes assembly/inspection of cargo load and emergency procedures.

TRN 1642 Vehicle Operator's Course

Fundamental principles of vehicle operating procedures unique to special purpose vehicles; includes unusual environments, special configurations applicable to use of these vehicles and safety procedures pertaining to trailer towing, convoying, and off-road uses.

TRN 1644 Shipment Planning

Procedures for handling and transporting cargo economically and effectively; includes military standard transportation and movement procedures, consolidation of shipments, and routing of freight shipments.



TRN 1648 Air Passenger and Cargo Management

Transportation responsibilities, resources, and management of Military Airlift System (MAS). Special responsibilities of each transportation subdivision, safety, types of aircraft, airlift systems, military air terminals and manning and resources for operation. MAS capability to respond in war and peacetime.



TRN 2602 Aircraft Cargo Loading

Principles, techniques, and methods of cargo load planning. Includes loading/offloading; use of cargo loading systems; cargo tiedown requirements for general, vehicular, and special cargo, and weight-and-balance computations.

TRN 2604 Cargo Terminal Operations

Airfreight transportation procedures; includes use of cargo controls with application to documentation, mail, dangerous and special cargo, load planning of palletized and nonpalletized cargo aboard aircraft, and techniques of weight-and-balance computations.

TRN 2605 Air Terminal Operation Center

Analysis of terminal operations control, including load ramp control, dispatch, cargo inventory, commercial contract administration, terminating cargo/passenger procedures, and disposition of flight reports/records.

TRN 2606 Loadmaster Airdrop/C-141 Aircraft

Loadmaster C-141 airdrop procedures. Includes preparation of equipment; capacities; and preflight, simulator, and actual flying training.

TRN 2608 Transportation Management

Management of Department of Defense transportation systems, military aerial port operations, and military airlift transportation cycle; includes identification of user requirements, effects of using data automation, personnel, and equipment in management of aerial ports.

TRN 2609 Airlift Logistics

Maintenance and supply support of airlift logistics; includes techniques for effective logistics planning, manpower and equipment use, fuels management, and mobility planning.

TRN 2611 Airlift/Terminal Operations and Management

Principles of logistics mission and role of contingency airlift in support of materiel and personnel movement; includes various types of airlift operations, aerial port organizational structure, and managerial support of daily activities.

TRN 2612 Advanced Traffic Management

Movement of cargo and passengers using modern traffic management applications; includes resolving case problems, identifying organizational structure, planning, and scheduling.

TRN 2614 Vehicle Management and Administration

Advanced vehicle management techniques. Includes directives and policies, laws, work center supervision, and vehicle use boards, control functions, and management reports.

TRN 2615 Transportation Field Research

Department of Defense transportation staff agencies and commercial transportation centers. Includes field trips that expose students to high levels of management and planning, containerized shipping activities, military facilities, aerial and waterports, household goods, and motor and rail carriers.

TRN 2616 Advanced Transportation Planning

Analysis of materiel distribution system, location of commercial and military transportation/logistics systems, and facilities and transportation management.

TRN 2618 Mobile/Strategic Aerial Operations

Mobile or strategic aerial port operations during wartime contingencies, deployment, responsibilities, mobility work centers, mobility plans systems, joint inspections, and concentrated aircraft load planning.

TRN 2620 Mobility Management

Management of mobility operations; including planning process, systems development, combat readiness, and acquisition and use of human/materiel resources.

TRN 2621 Motor Vehicle Fleet Management

Organization, manpower, and public law in motor vehicle fleet management and operation; includes managerial decisions for lease or purchase of vehicles, contingency planning, fleet analysis, and safety/accident prevention.

TRN 2622 Materiel Movement

Principles for planning, managing, and transporting Department of Defense materiel economically and effectively. Includes policies and procedures for preparation, routing, and documentation; reporting systems; and Government regulations controlling materiel movement.

TRN 2623 Passenger Management

Policy and entitlements for movement of passengers. Includes travel requirements, modes of transportation, baggage allowances, passenger routing, use of commercial carrier publications, and policies for use and control of travel documents.

TRN 2624 Management of Household Goods

Policies and procedures for movement of personal property. Includes entitlements; counseling of personnel/dependents; Department of Defense policy; management and selection of carriers, packing, storage and tracking of household goods; contract management; and quality control responsibilities.

TRN 2702 Airlift Operations Planning

Development of individual and joint operations plans. Includes interservice operations, gross airlift capabilities, war planning, identification and correction of shortfalls in transportation and/or materiel, mobility operations, and enhancement and funding of airlift operations.

Television Systems

TVS 1702 Television Equipment Maintenance

Application of electronic principles to maintenance of television equipment; includes circuit analysis, alignment, performance tests, and troubleshooting procedures.

TVS 1703 Video-Switching and Distribution Systems

Theory of closed-circuit video switching and distribution, external synchronizer generation, and pulse distribution amplification; includes practice in diagnosing equipment malfunctions, equipment alignment, and repair.

TVS 1720 Cockpit TV Sensor Systems Maintenance

Circuit analysis, operational checks, system alignment, and troubleshooting using specialized tools and test equipment.

Vehicle Maintenance

VEM 1501 Combustion Engines

Principles for operation and care of gasoline and diesel engines; includes emission, fuel/air, cooling, and lubrication systems; engine assembly/disassembly; and engine tuneup procedures.

VEM 1502 Brakes and Suspension Systems

Principles for operating, inspecting, and repairing.

VEM 1503 Power Train Fundamentals

Operational principles of clutches, standard and automatic transmissions, torque converters, hydraulic systems, universal joints, propeller shafts, axles, differentials, transfer cases, and steering systems.

VEM 1513 Automotive Electrical Systems Principles

Identification and application of principles for operating and maintaining starting, charging, ignition, lighting, electrical warning, and heating systems.

VEM 1523 Diesel Engine Maintenance

Diesel engine principles emphasizing maintenance and tuneup and operating principles of distributor and multiple pump-type fuel systems.

VEM 1524 Specialized Support Vehicles

Operation and maintenance of engines and system-unique accessories.

VEM 1530 Overview of Vehicle Maintenance

Familiarization with tools and procedures used in vehicle maintenance. Includes safety and material control principles; use of tools, test equipment, and publications; inspection of vehicles; and maintenance policies and procedures.

VEM 2501 Electromechanical Circuits and Systems

Automotive test equipment to inspect, service, test, adjust, and troubleshoot engine starting, ignition, and charging circuits.

VEM 2502 Electronic Diagnosis and Engine Analysis

Universal diagnostic equipment; includes chassis dynamometers, ignition scopes, and portable testers to analyze engine operation.

VEM 2505 Vehicle Test Equipment

Use of test equipment necessary to troubleshoot various engine components. Includes oscilloscope; timing light; dwell meter; exhaust gas analyzer; hydrometer; growler; cooling system analyzer; generator bench; load testers; and special equipment for testing diodes, voltage regulators, and distributors.

VEM 2508 Advanced Special Support Vehicles

Operation principles, inspection, troubleshooting, repair, testing, and adjustment of various special vehicle systems. Includes disassembly, reassembly, and replacement of components.

VEM 2509 Advanced Automotive Maintenance

Operation principles, inspection, troubleshooting, repair, testing, and adjustment of various automotive systems. Includes gas/diesel engines, power trains, and associated systems.

Welding

WEL 1501 Oxyacetylene Welding

Introduction to oxyacetylene welding. Includes operation and maintenance of welding equipment; identification of beads, lap joints, and tee joints of carbon steel; position welding; cutting ferrous metals; silver and lead soldering; brazing steel and gray cast iron; fusion welding of ferrous castings; and forging metals.

WEL 1502 Metallic Arc Welding

Basic metallic arc welding. Includes operation and operator maintenance of equipment; selection of electrodes; building up flat surfaces, fillet welds, and butt joints; and interpreting drawings and symbols.

WEL 1503 Inert Gas Shielded Welding

Introduction to welding of edge, butt, and tee joints of heat and corrosion resistant ferrous, aluminum, magnesium, and titanium alloys.

WEL 1512 Introduction to Metals Processing

Use/care of handtools and shop equipment; includes interpretation of technical publications, inspection and maintenance systems, shop drawings, and weld specifications.